

What is claimed is:

1. A system for removing mines and other obstacles in support of a vehicle capable of operating in varying depths of water, said system comprising:

a plurality of structural arms mountable to the vehicle;

means for detecting the mines and the other obstacles, said detection means mountable to one of said structural arms; and

means for destroying the mines and the other obstacles, said destruction means mountable to another of said structural arms.

2. The system according to claim 1 wherein said structural arms are capable of deploying said detection means and said destruction means into and from the water.

3. The system according to claim 2 further comprising means for underwater stabilization mounted to said structural arms, said underwater stabilization means stabilizing said detection means and said destruction means despite undulations of the vehicle.

4. The system according to claim 3 wherein said destruction means comprises an underwater gun capable of targeting in a plurality of directions.

5. The system according to claim 4 wherein said detection means comprises a sonar targeting system.

6. The system according to claim 5 wherein said sonar targeting system is capable of targeting in a plurality of directions.

7. The system according to claim 6 further comprising a supporting base for said structural arms, said supporting base mountable to a deck of the vehicle and capable of housing a magazine for said destruction means and capable of housing a feed system for carrying munitions from said magazine to said destruction means.

8. A system for removing mines and other obstacles in support of a vehicle capable of amphibious assault, said system comprising:

a plurality of structural arms mountable to the vehicle;

means for detecting the mines and the other obstacles, said

detection means mountable to one of said structural

arms; and

means for destroying the mines and the other obstacles,

said destruction means mountable to another of said

structural arms.

9. The system according to claim 8 wherein said structural arms are capable of deploying said detection means and said destruction means into and from the water.

10. The system according to claim 9 further comprising means for underwater stabilization mounted to said structural arms, said underwater stabilization means stabilizing said detection means and said destruction means despite undulations of the vehicle.

11. The system according to claim 10 wherein said destruction means comprises an underwater gun capable of targeting in a plurality of directions.

12. The system according to claim 11 wherein said detection means comprises a sonar targeting system.

13. The system according to claim 12 wherein said sonar targeting system is capable of targeting in a plurality of directions.

14. The system according to claim 13 further comprising a supporting base for said structural arms, said supporting base mountable to a deck of the vehicle and capable of housing a magazine for said destruction means and capable of housing a feed system for carrying munitions from said magazine to said destruction means.

15. A system for removing mines and other obstacles, said system comprising:

a first pod rotationally attachable to a vehicle;

a sonar targeting system mounted within said first pod;

a second pod rotationally attachable to the vehicle; and

an underwater gun system mounted within said second pod,

said underwater gun system directed by said sonar
targeting system to fire underwater munitions at the
mines and obstacles detected by said sonar targeting
system.